

FIG. 1

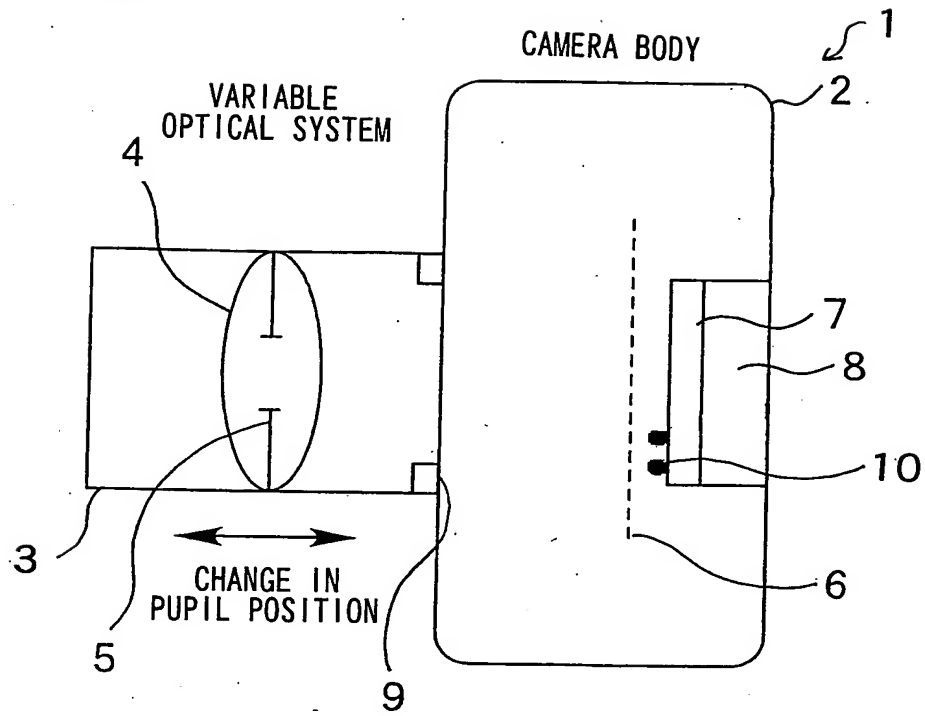


FIG.2

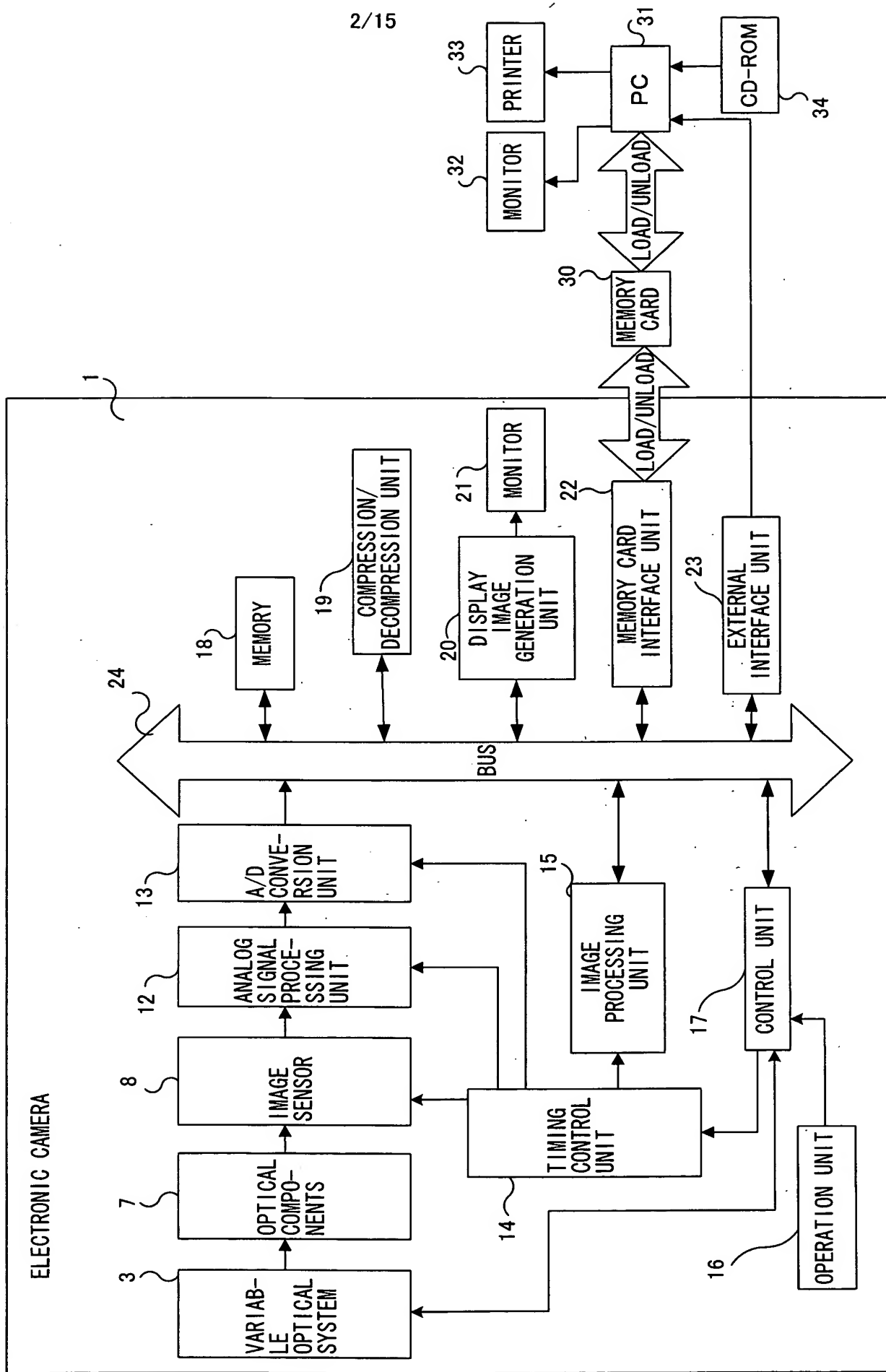


FIG. 3

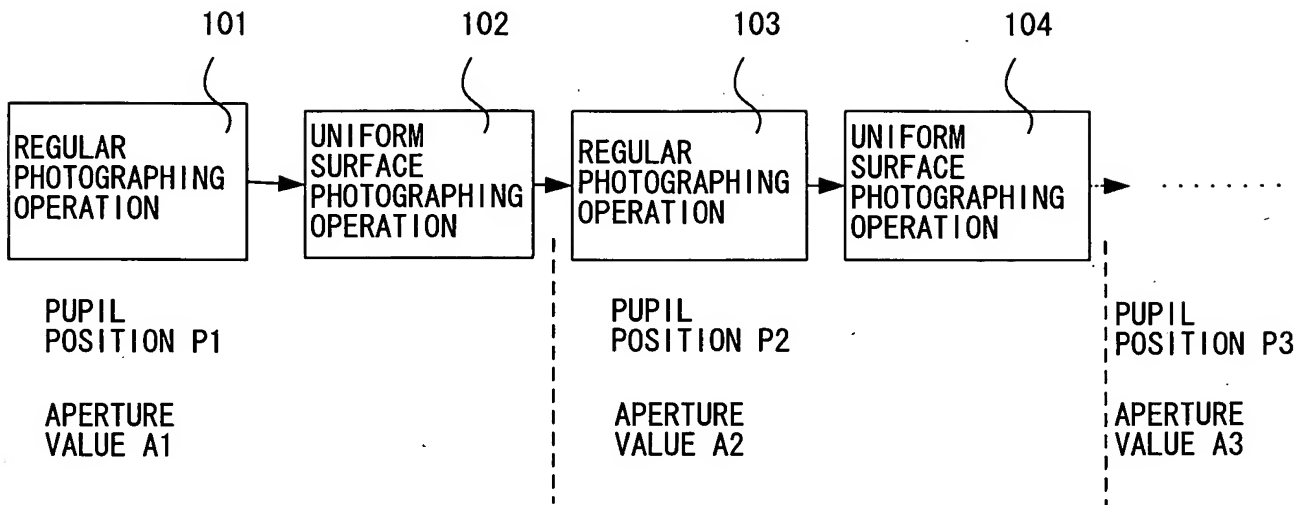
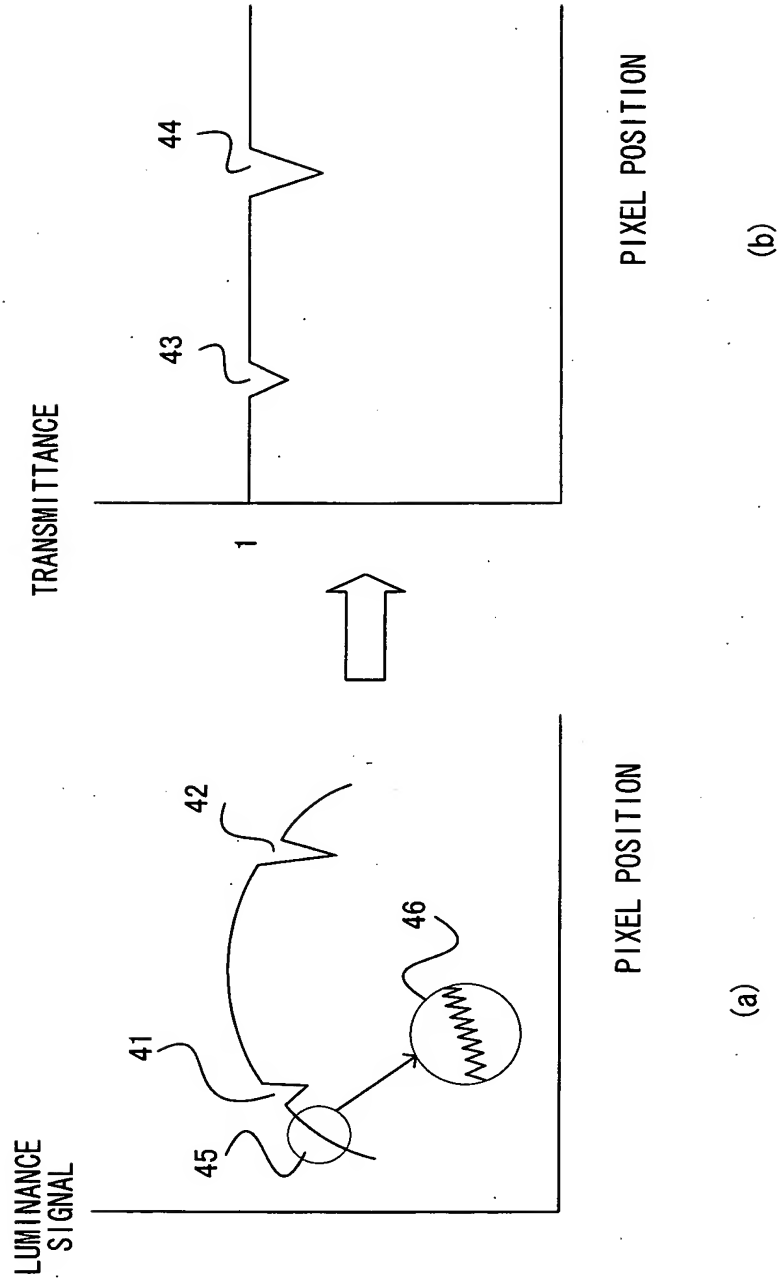


FIG.4



(a)

(b)

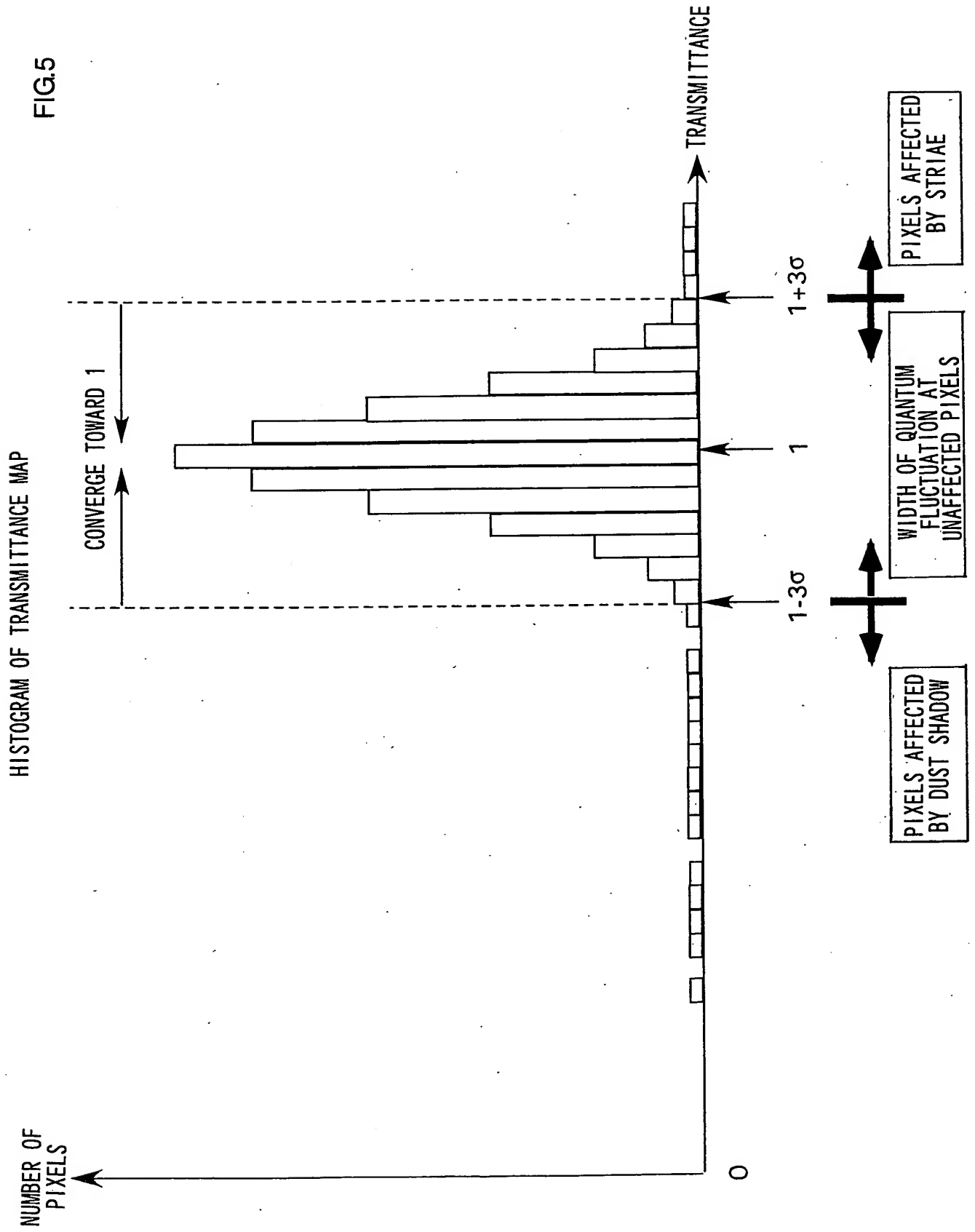


FIG. 6

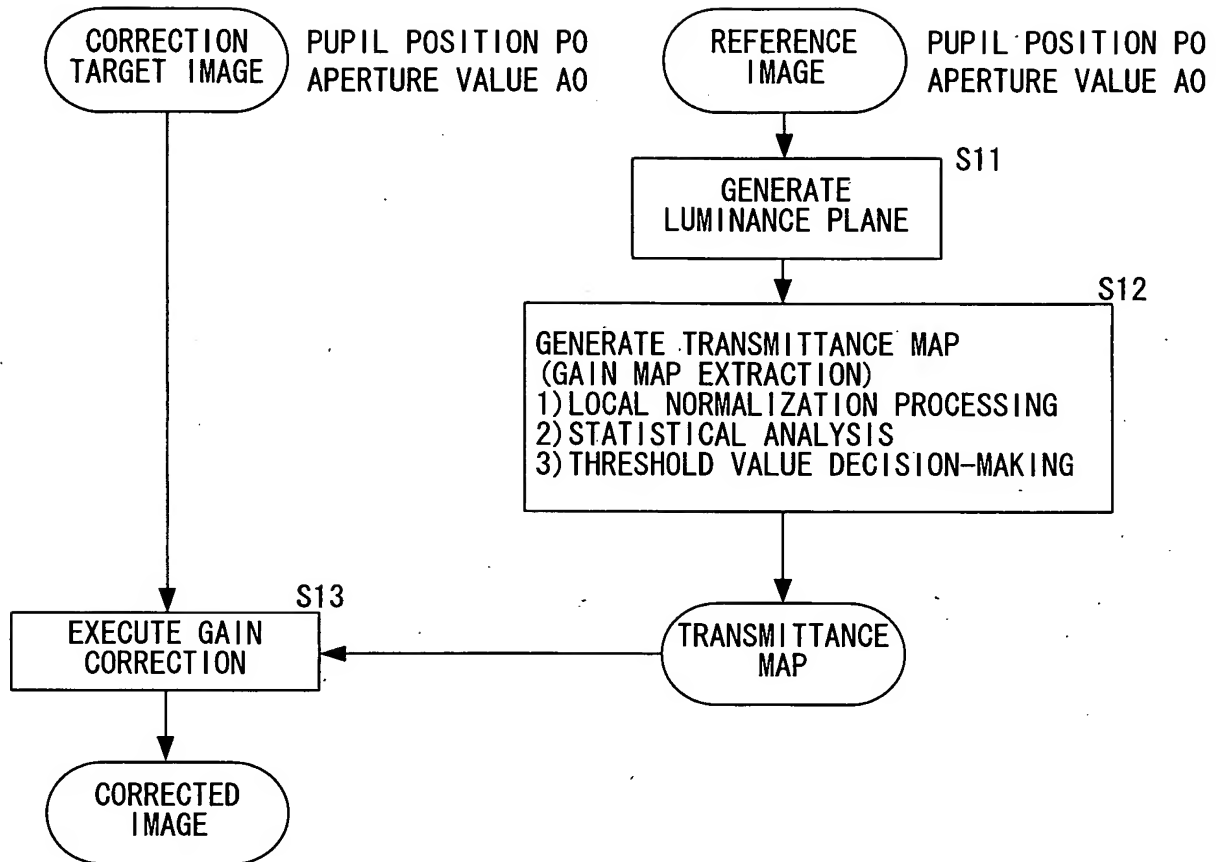


FIG. 7

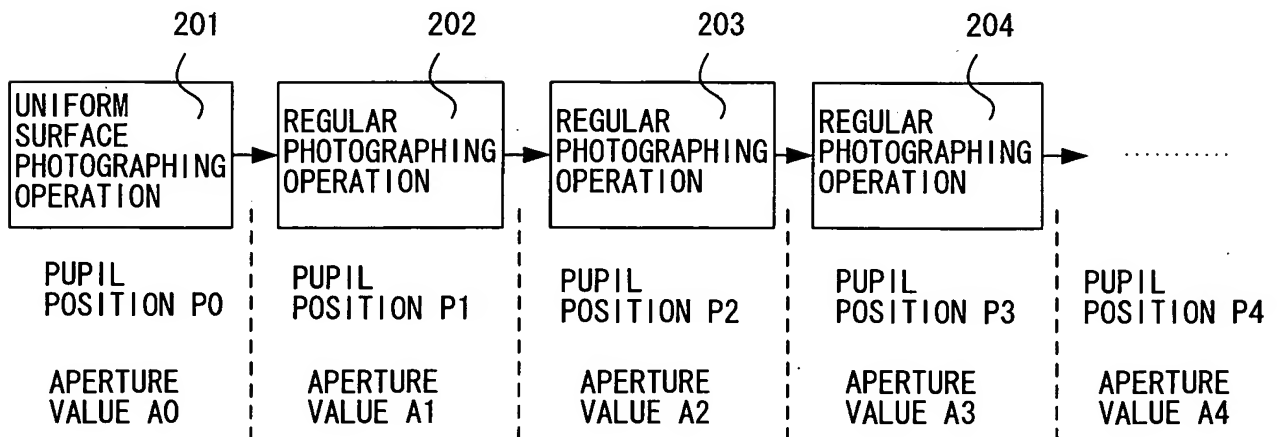
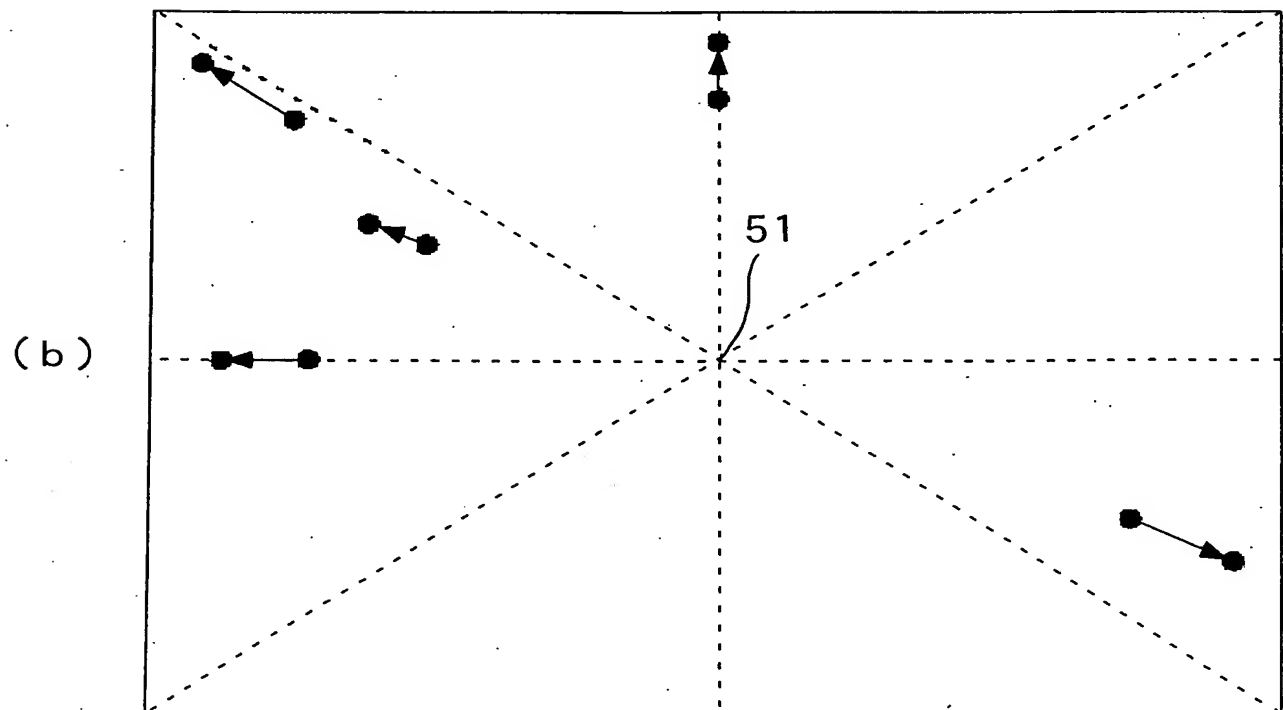
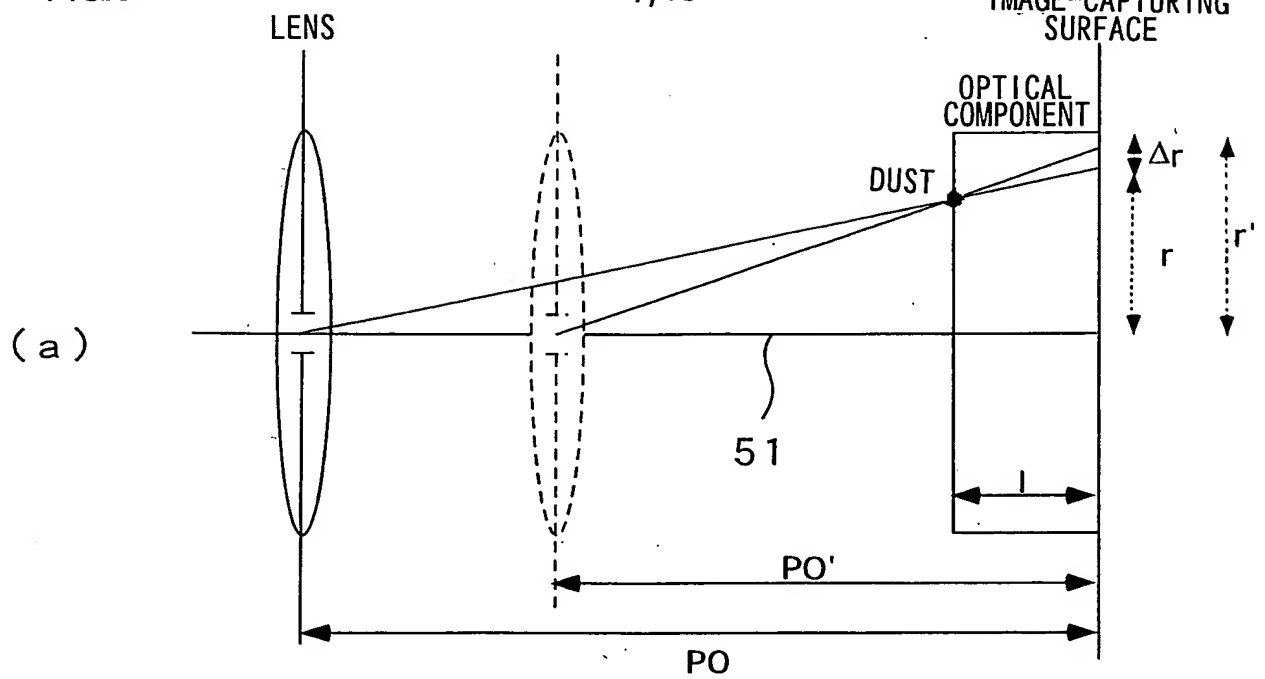


FIG.8

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BEFORE DISPLACEMENT: PUPIL POSITION PO
 AFTER DISPLACEMENT: PUPIL POSITION PO'
 WITH $PO > PO'$

FIG.9

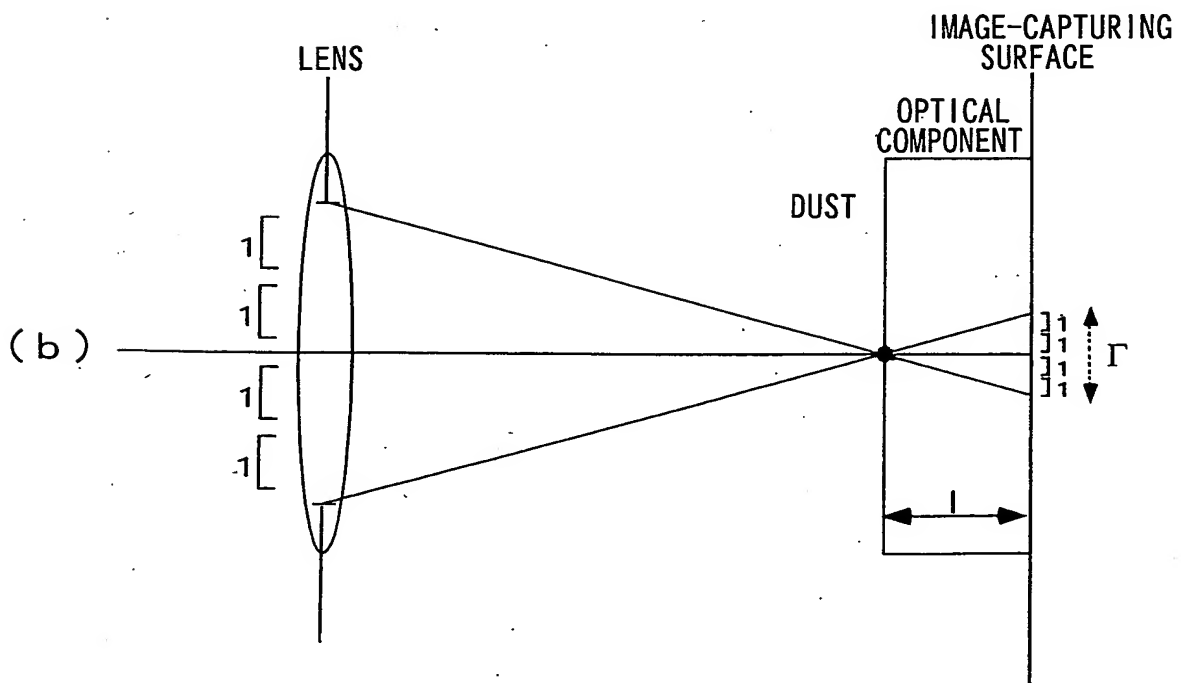
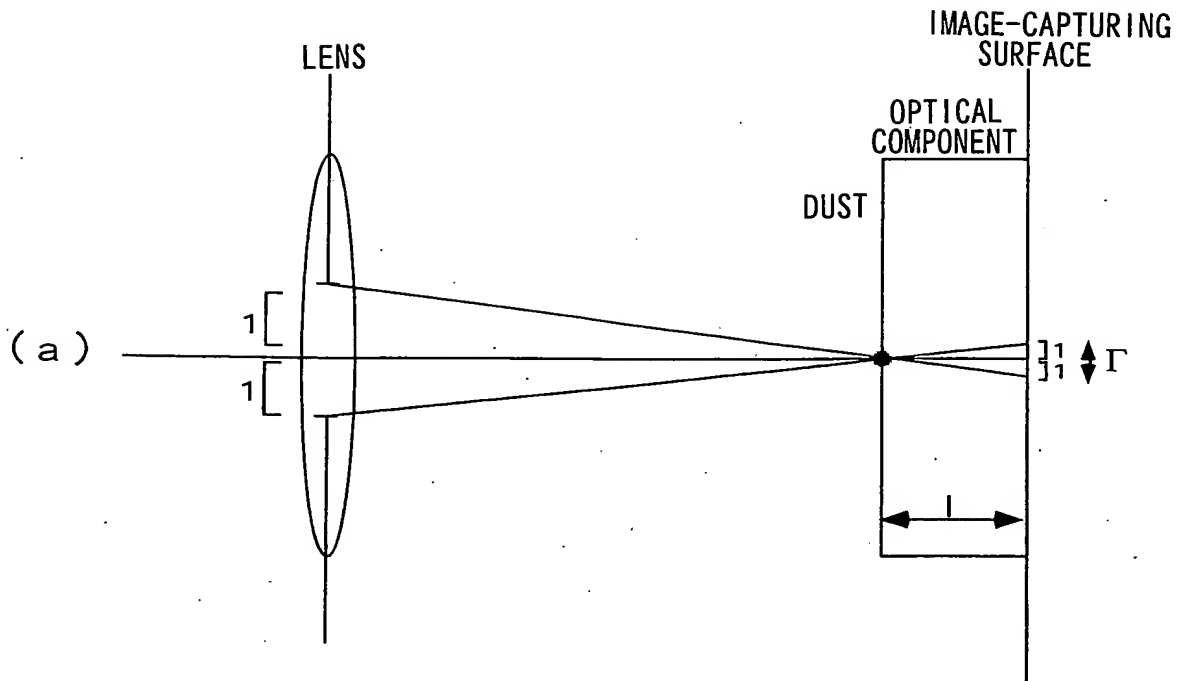


FIG.10

APERTURE VALUE	DUST DIAMETER r [pixel]	LPF SIZE	ONE DIMENSIONAL FILTER COEFFICIENTS
F22	4.5	NOT NECESSARY TO EXECUTE CONVERSION PROCESSING	
F16	6.3	6x6	[0.5, 1, 1, 1, 1, 1, 0.5]/6
F11	9.1	9x9	[1, 1, 1, 1, 1, 1, 1, 1, 1]/9
F8	12.5	13x13	[1, 1, 1, , 1, 1, 1]/13
F5.6	17.9	18x18	[0.5, 1, 1, , 1, 1, 0.5]/18
F4	25.0	25x25	[1, 1, 1, , 1, 1, 1]/25

FIG.11

0.25	0.5	0.5	0.5	0.5	0.5	0.25
0.5	1	1	1	1	1	0.5
0.5	1	1	1	1	1	0.5
0.5	1	1	1	1	1	0.5
0.5	1	1	1	1	1	0.5
0.5	1	1	1	1	1	0.5
0.25	0.5	0.5	0.5	0.5	0.5	0.25

FIG.12

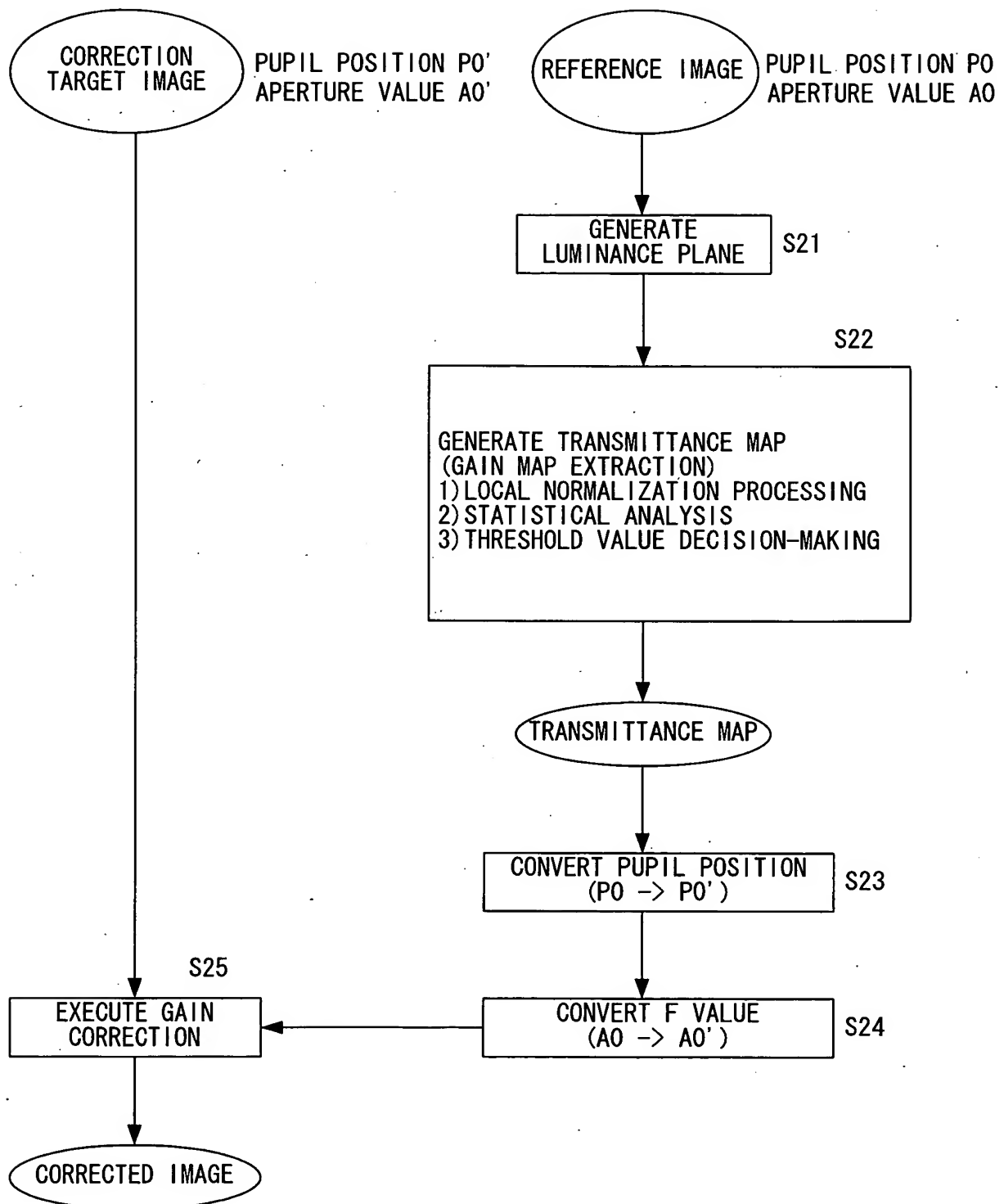


FIG.13

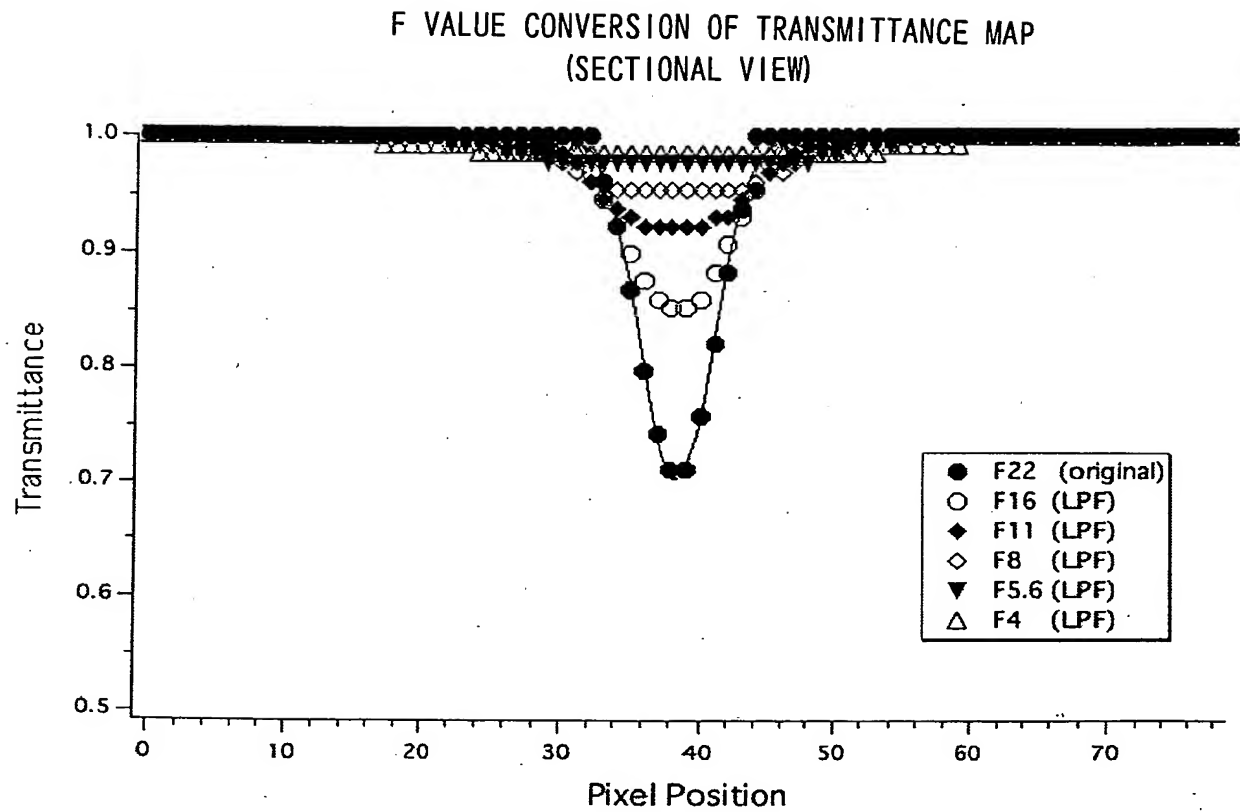


FIG.14

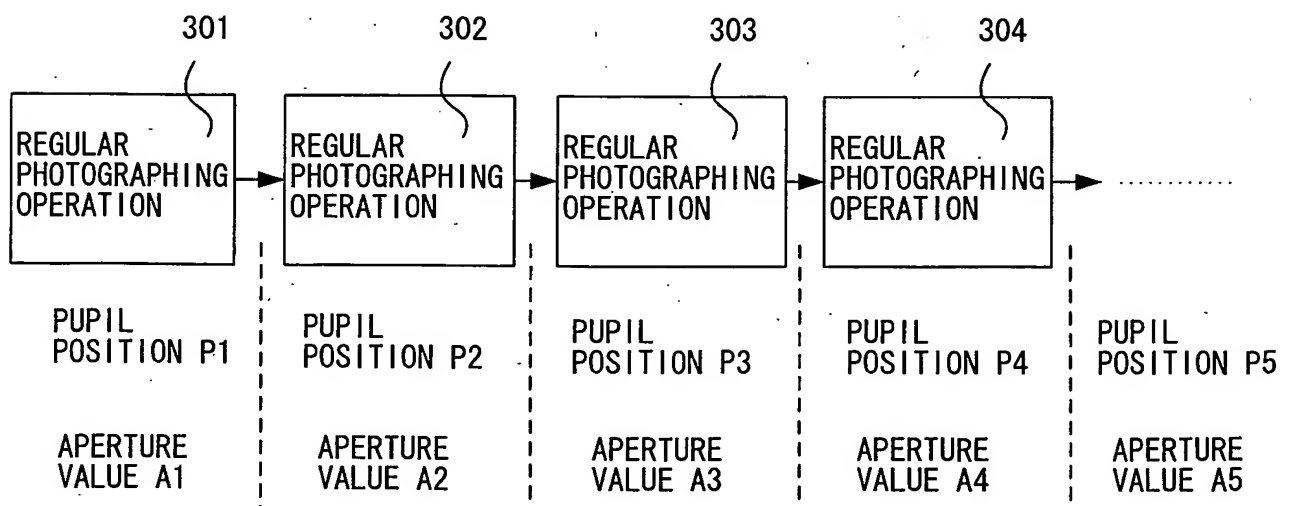
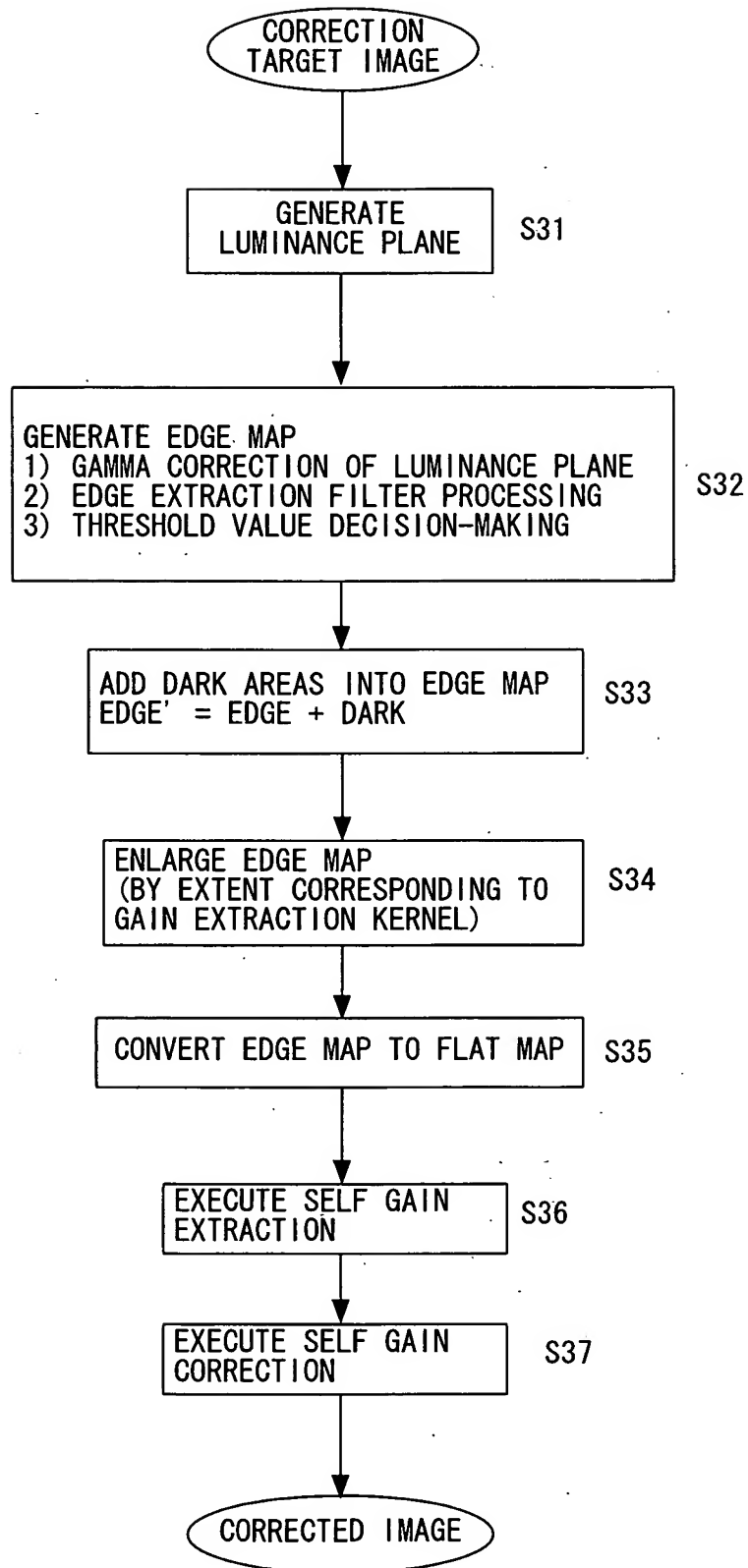
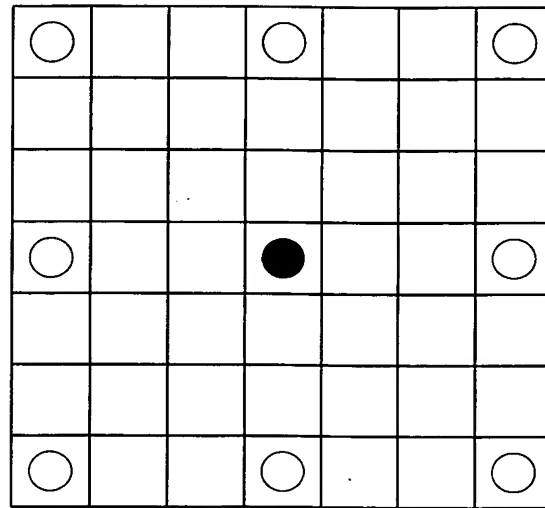
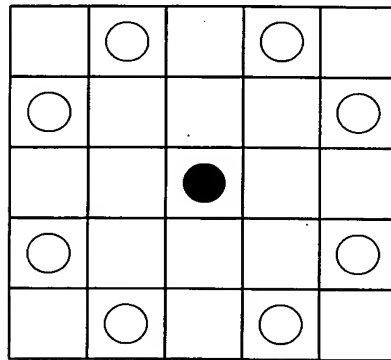


FIG.15

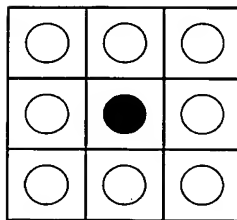




+



+



=

YH

FIG.16

FIG.17

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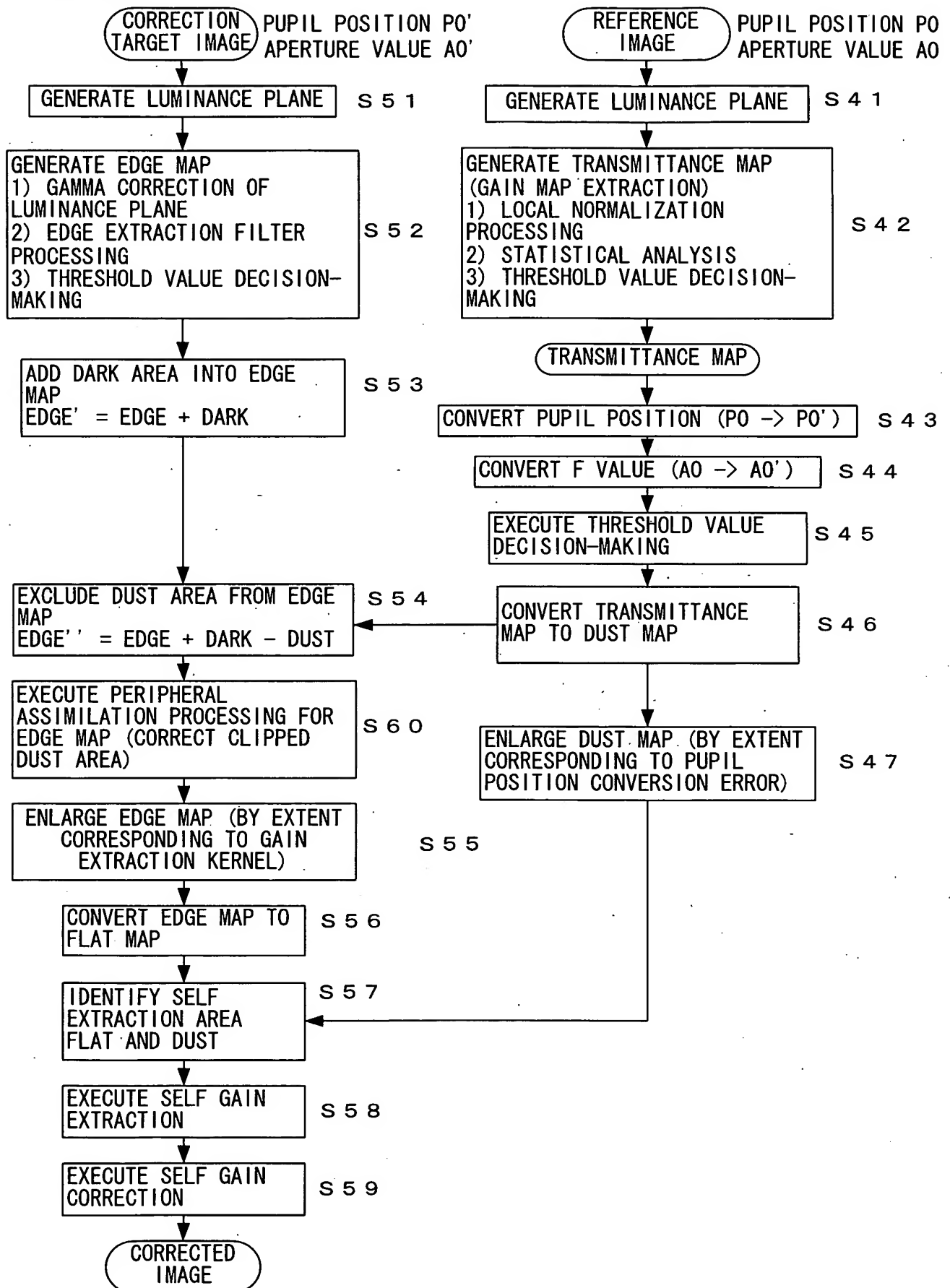


FIG.18

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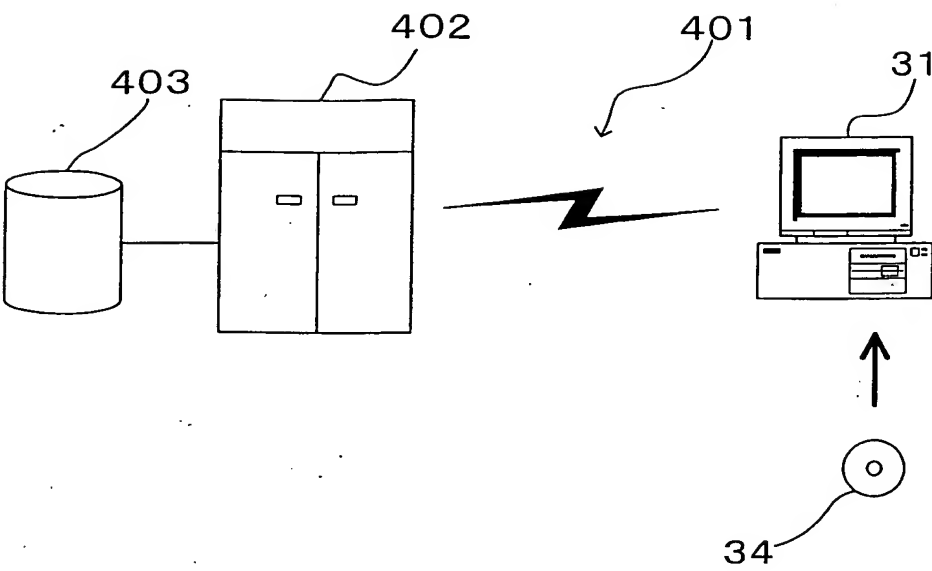


FIG.19

i, j	0	1	2	3	4	5	6	7	8
0	×	○	○	○	○	○	○	○	●
1	○	○	○	○	○	○	○	○	
2	○	○	○	○	○	○	○	○	
3	○	○	○	○	○	○	○	○	
4	○	○	○	○	○	○	○	○	
5	○	○	○	○	○	○	○	○	
6	○	○	○	○	○	○	○	○	
7	○	○	○	○	○	○	○	○	
8	●								●